

#6

Cotransfection of 293Cre cells with pBHG10lox and  
a "Lox" shuttle plasmid for generation of Ad expression vectors

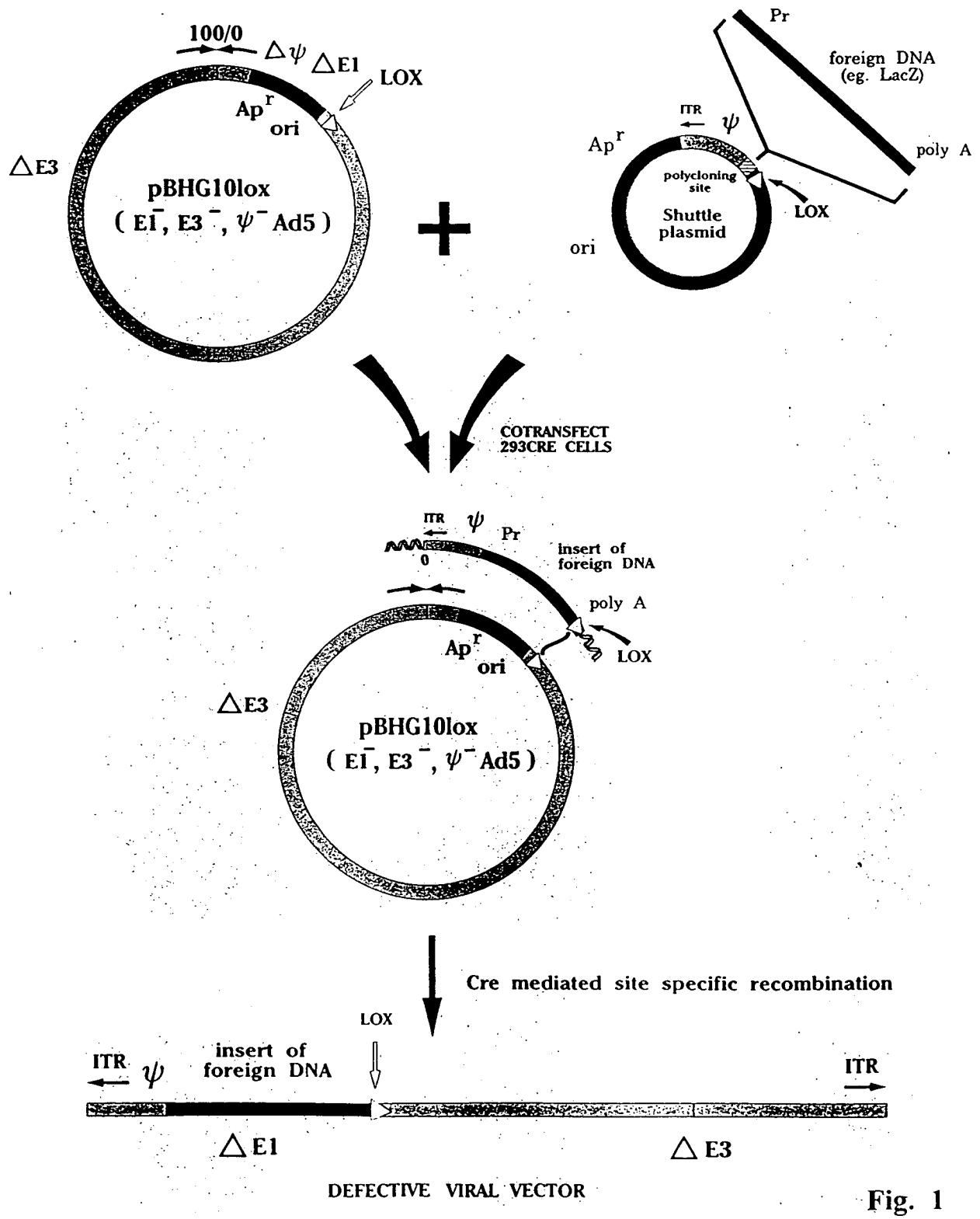


Fig. 1

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**Cotransfection of 293Cre cells with pBHG10lox and  
a "lox" shuttle plasmid for generation of Ad expression vectors**

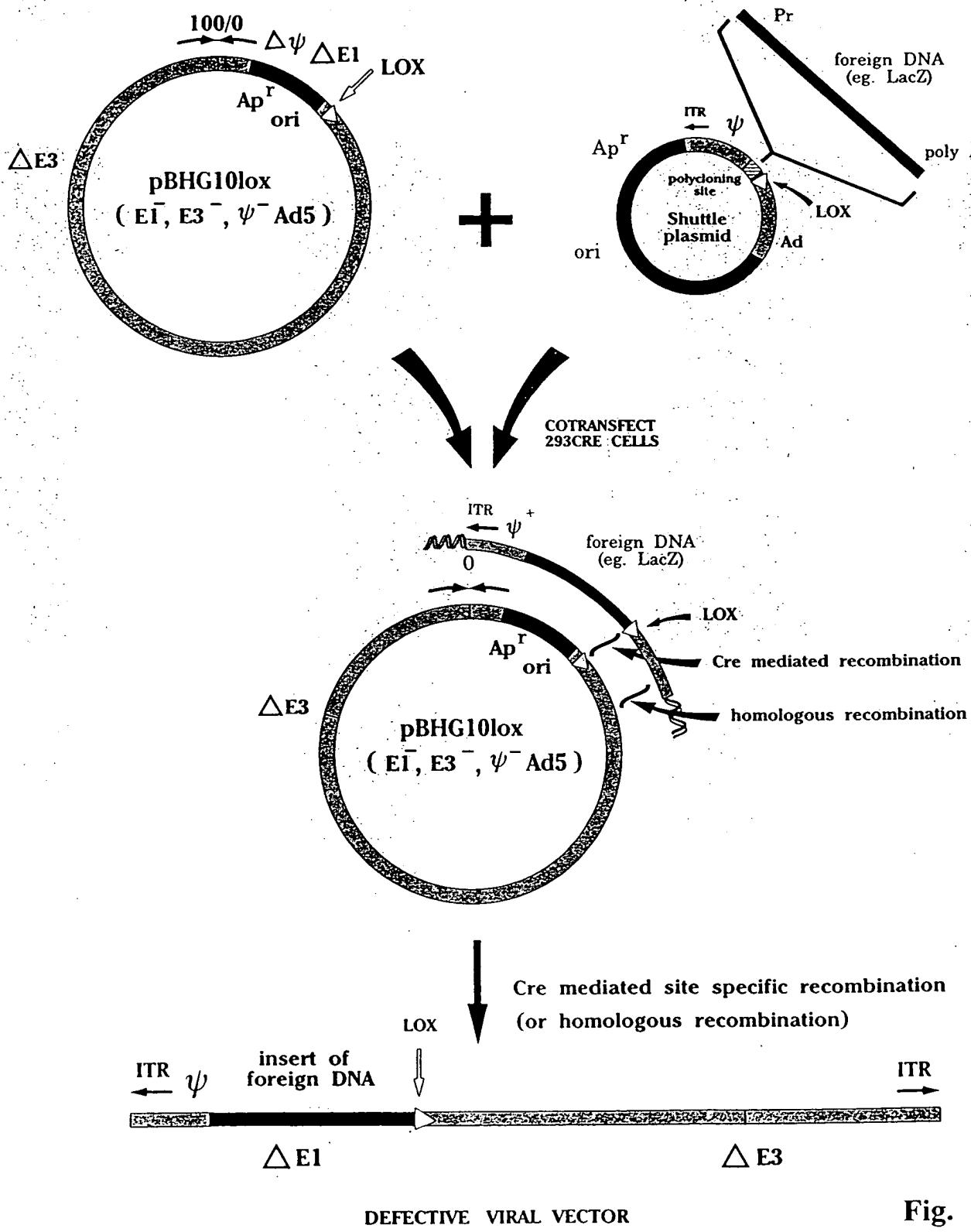


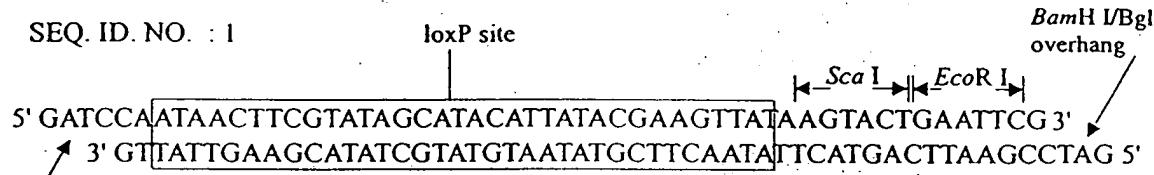
Fig. 2

# OLIGONUCLEOTIDES USED IN CLONING

BIOCHEMISCHE FAKULTÄT

## AB3233/3234 : loxP linker

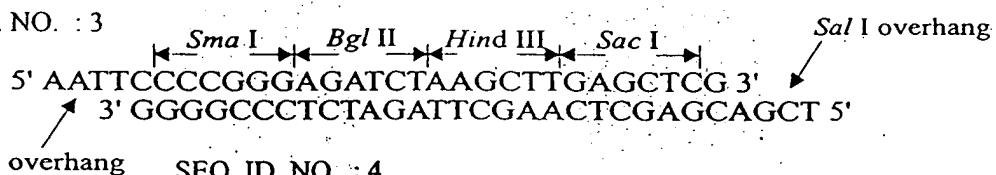
SEQ. ID. NO. : 1



SEQ. ID. NO. : 2

## AB14626/14627 : Multiple Cloning Site

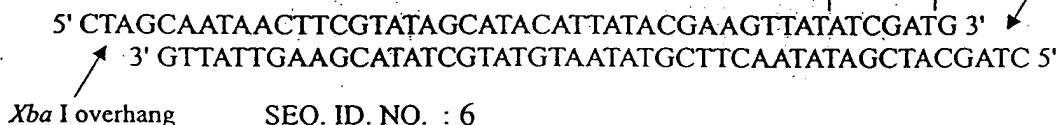
SEQ. ID. NO. : 3



SEQ. ID. NO. : 4

## AB6920/6921 : loxP linker

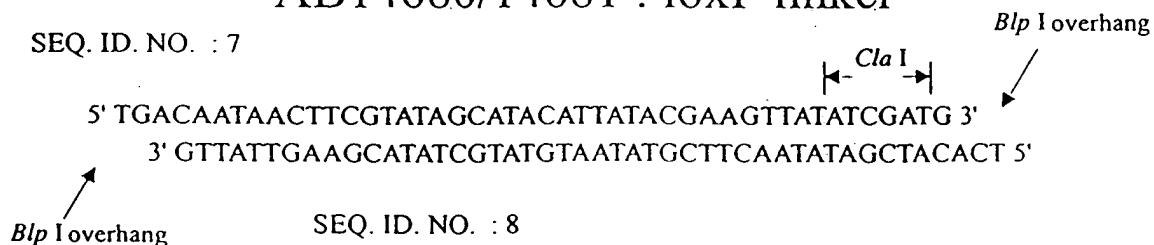
SEQ. ID. NO. : 5



SEQ. ID. NO. : 6

## AB14680/14681 : loxP linker

SEQ. ID. NO. : 7



SEQ. ID. NO. : 8

Fig. 3

# CONSTRUCTION OF A CIRCULAR GENOMIC PLASMID FOR Ad VECTOR RESCUE USING THE Cre/ loxP SYSTEM

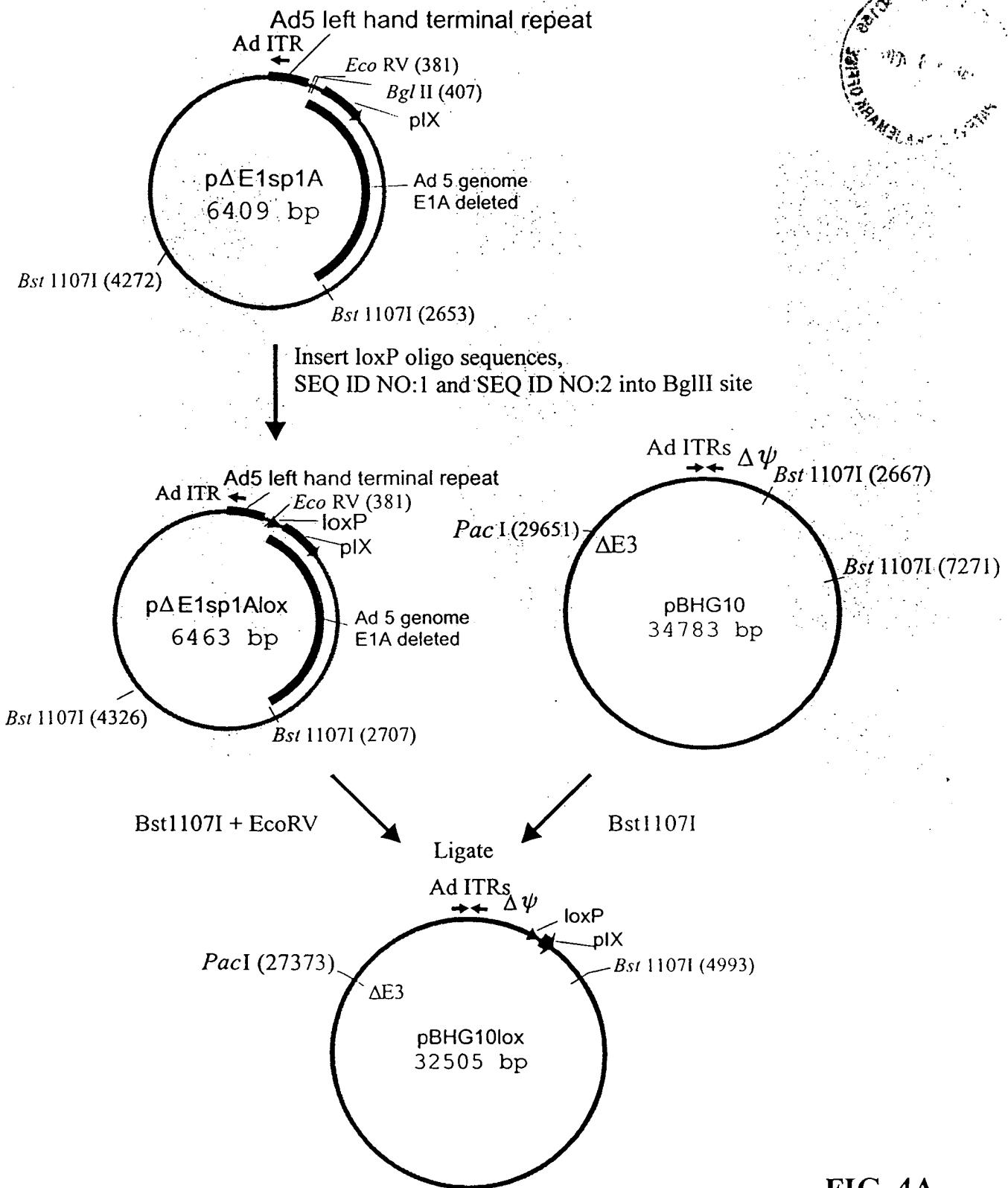


FIG. 4A

## CONSTRUCTION OF pBHGdX1Plox

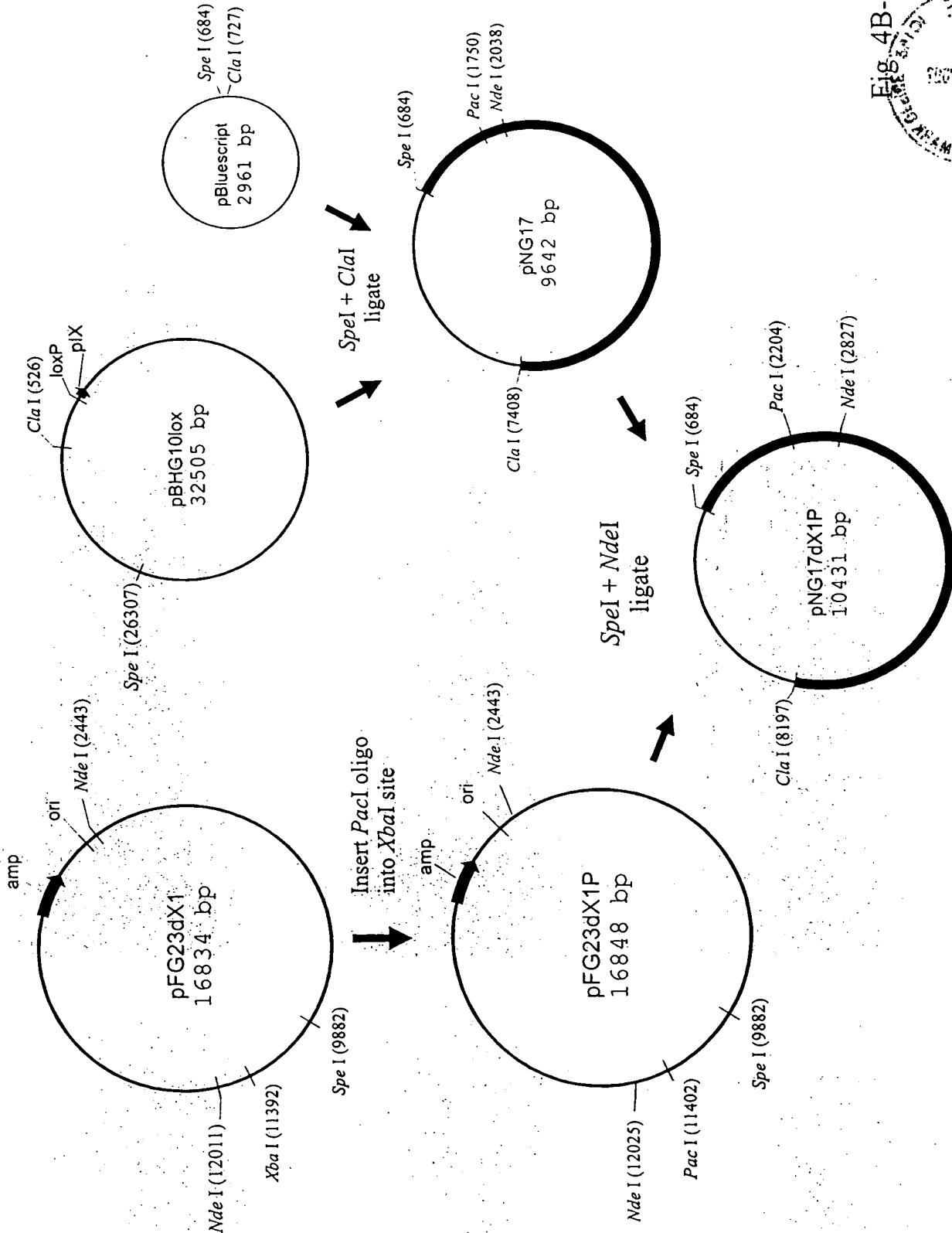


Fig. 4B-1



# CONSTRUCTION OF pBHGdX1P<sub>lox</sub>

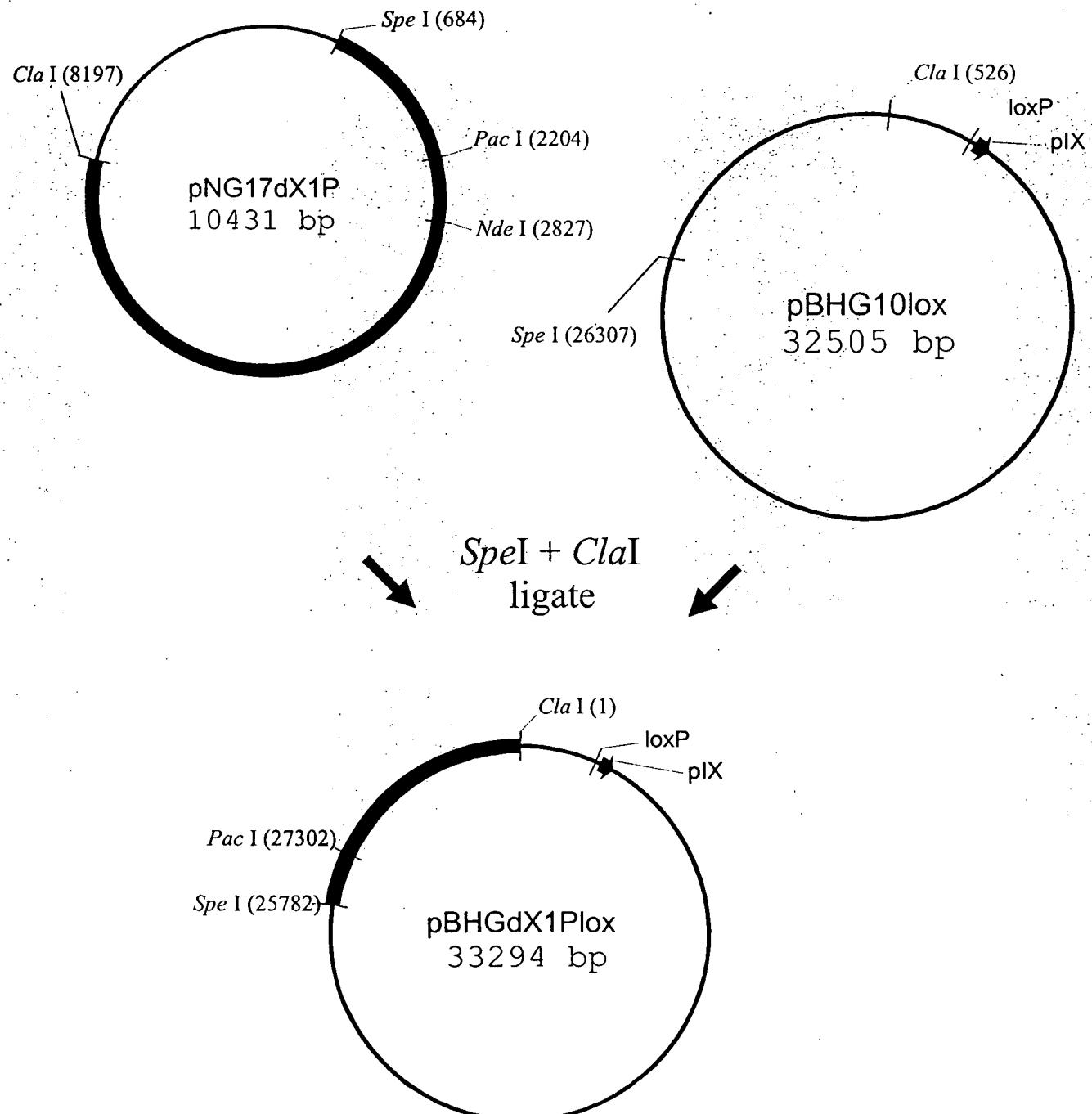


Fig. 4B-2

# CONSTRUCTION OF pBHGE3lox

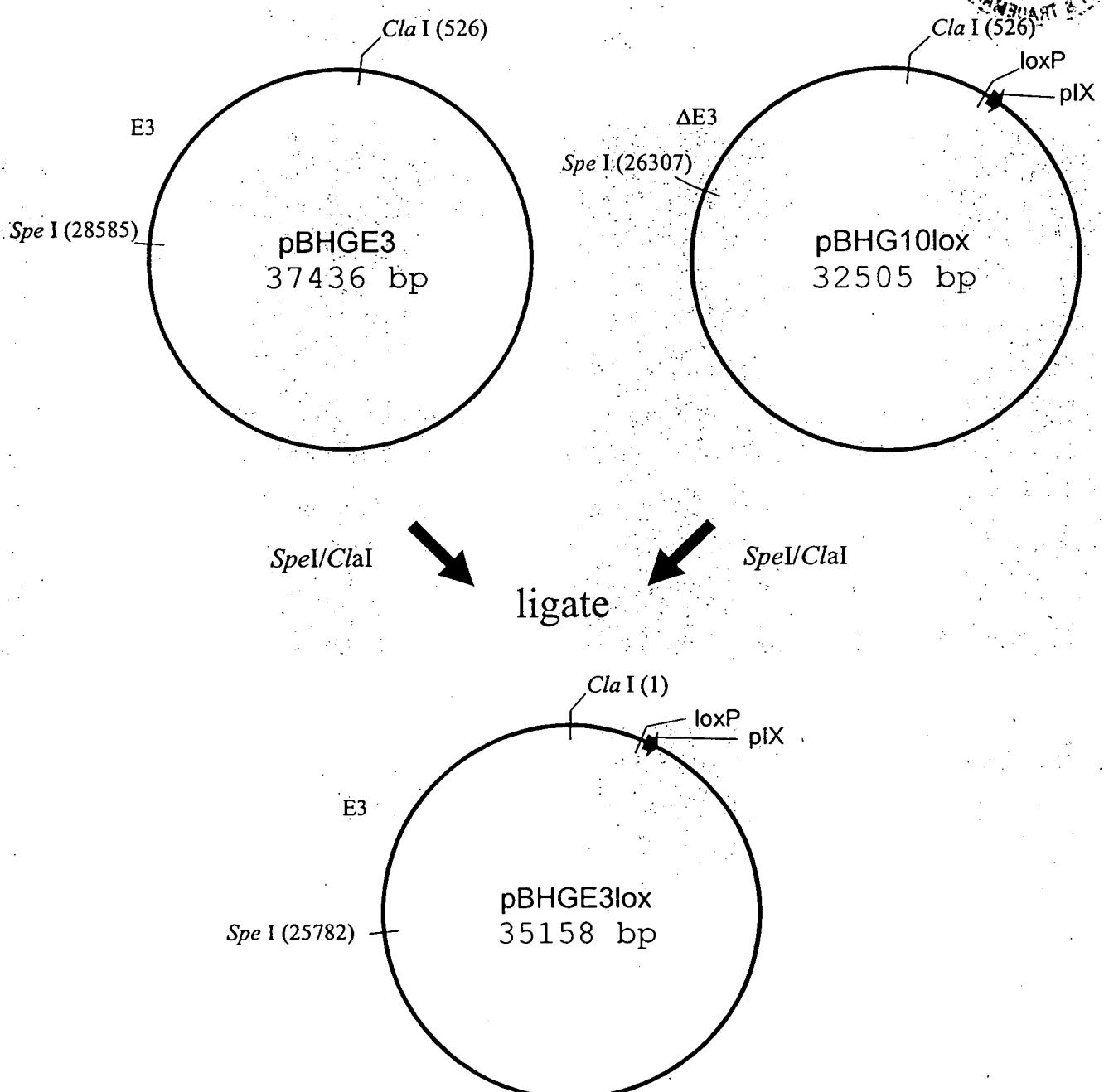


Fig. 4C

# CONSTRUCTION OF pΔE1SP1A & pΔE1SP1B loxP PLASMIDS FOR RESCUE OF FOREIGN DNA

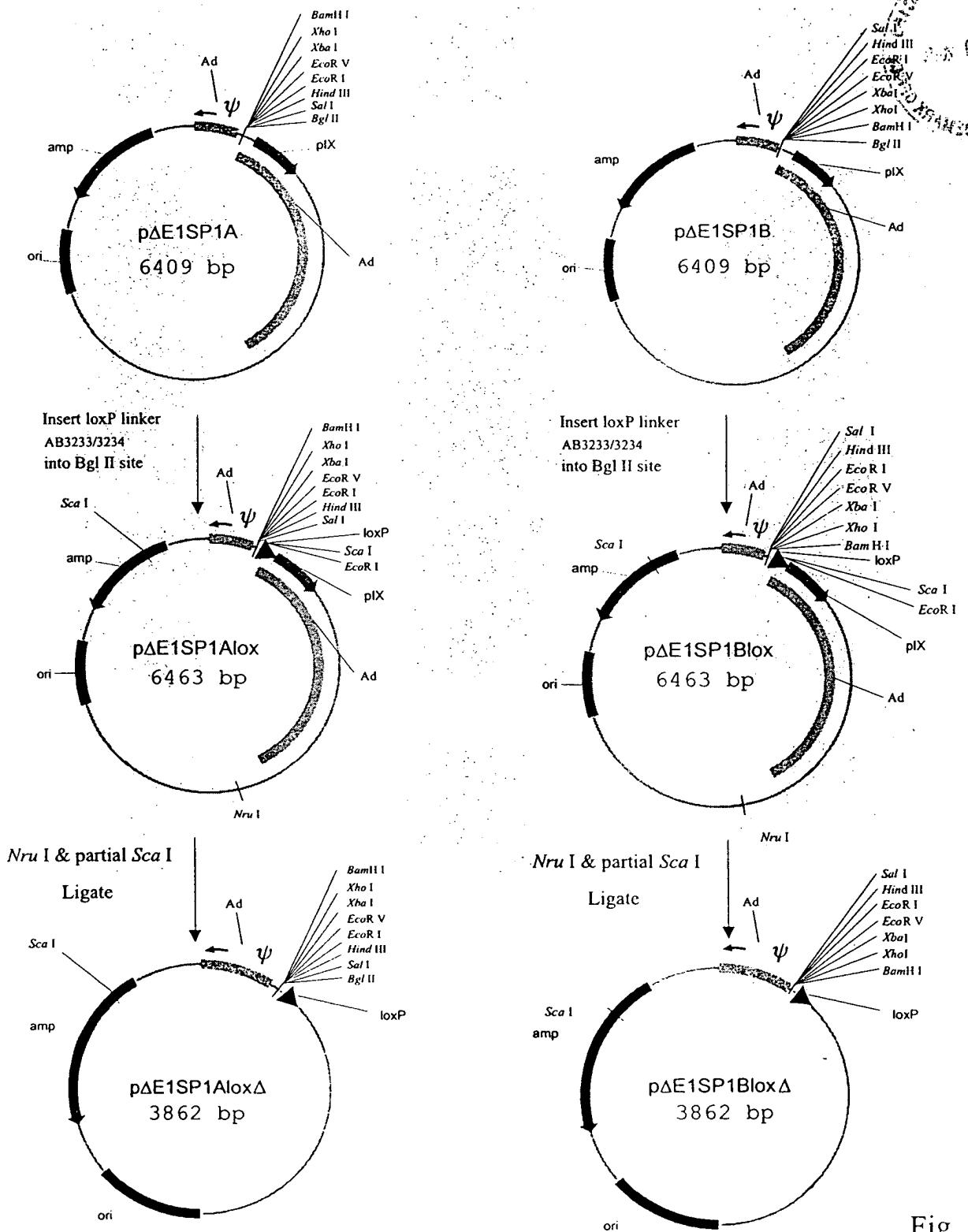


Fig. 5

# CONSTRUCTION OF pMH4LOX, pMH4LOX $\Delta$ and pMH4LOX $\Delta$ LINK SHUTTLE PLASMIDS FOR RESCUE OF EXPRESSION CASSETTES

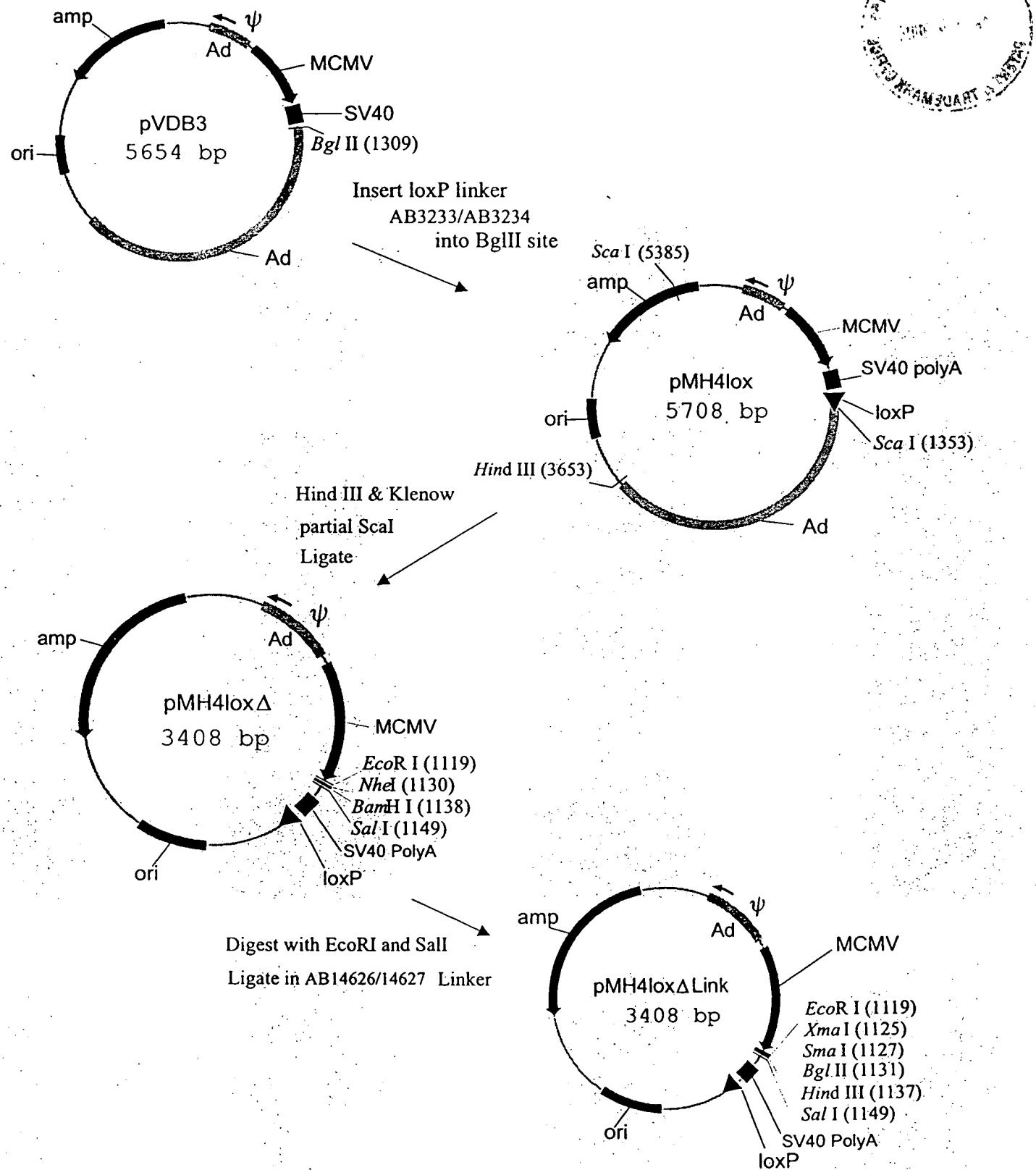


Fig. 6A

# CONSTRUCTION OF A SHUTTLE PLASMID CONTAINING A pUC DERIVED ORIGIN

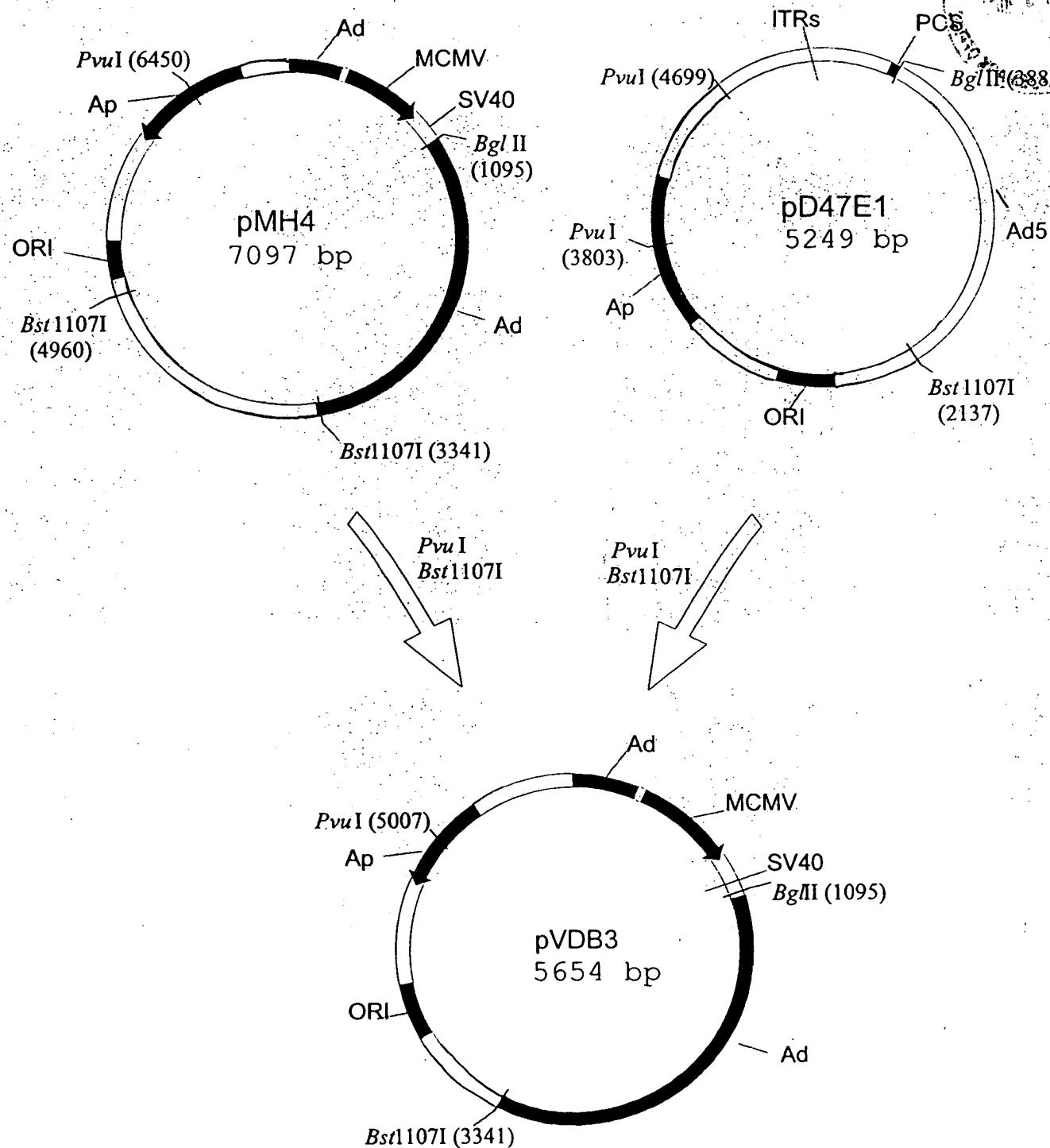


Fig. 6B

# CONSTRUCTION OF HCMV loxP PLASMIDS FOR RESCUE OF EXPRESSION CASSETTES

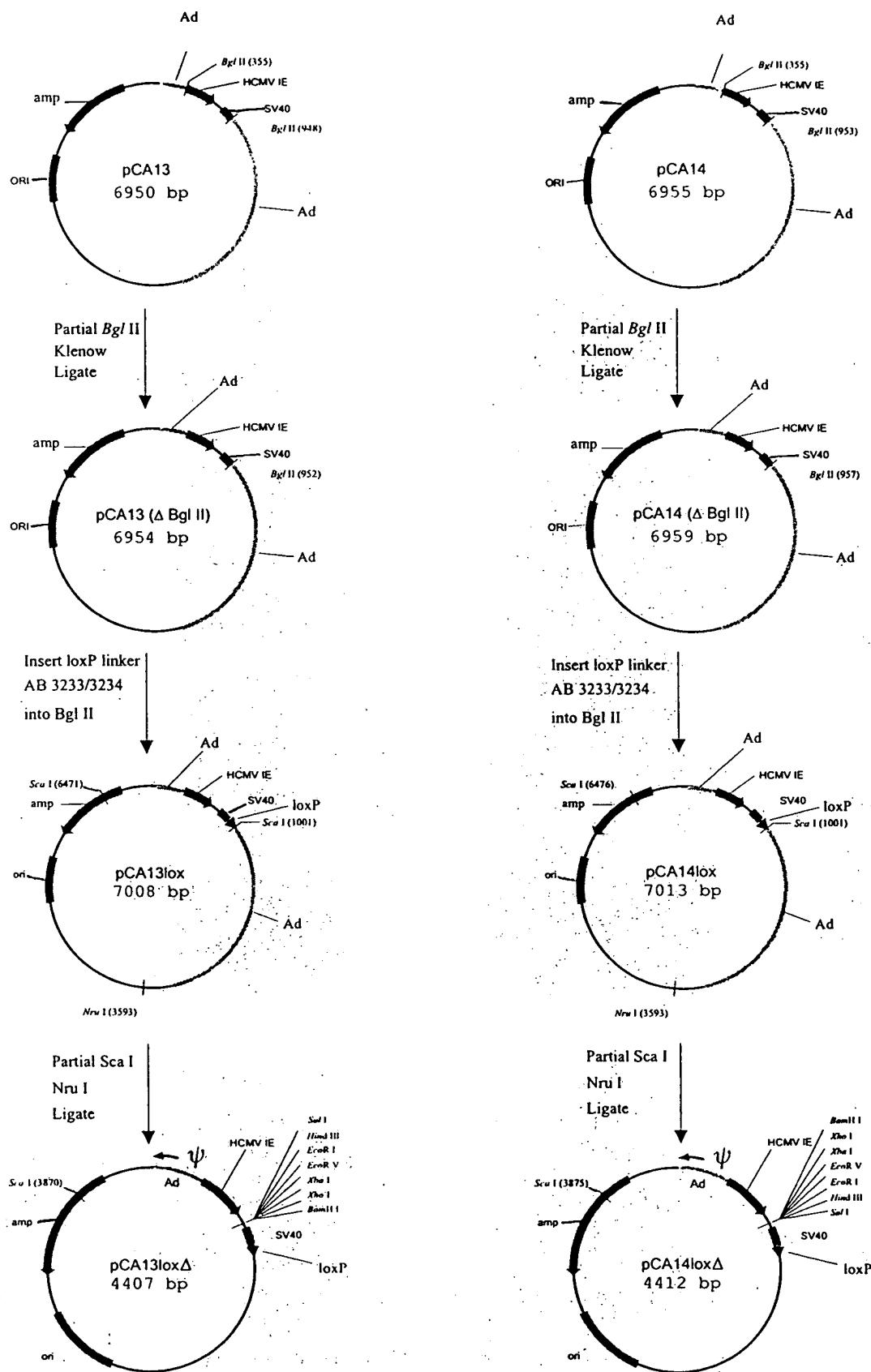


Fig. 7

# CONSTRUCTION OF pCA36LOX and pCA36LOX $\Delta$ SHUTTLE PLASMIDS FOR RESCUE OF LACZ

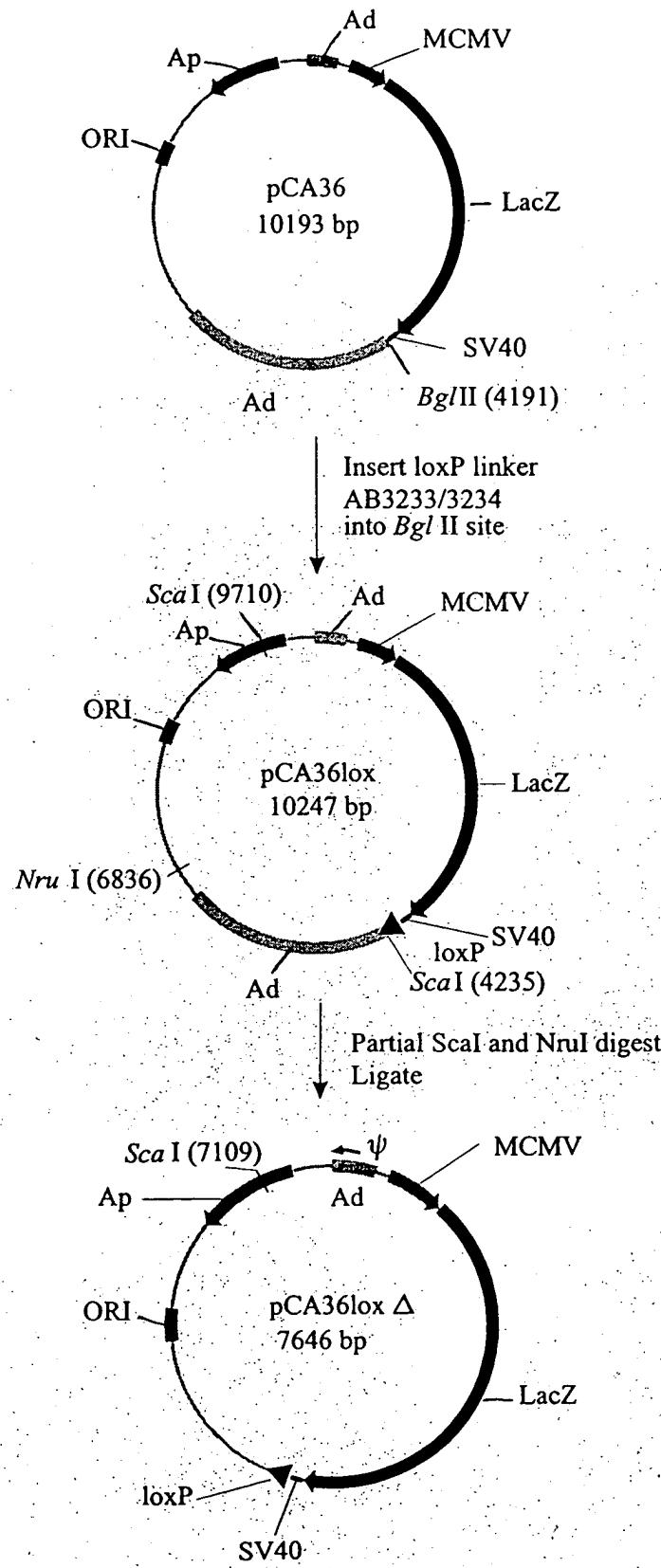


Fig. 8A

Cotransfection of 293Cre cells with AdLC8c DNA-TP and a shuttle plasmid containing a loxP site for generation of Ad expression vectors

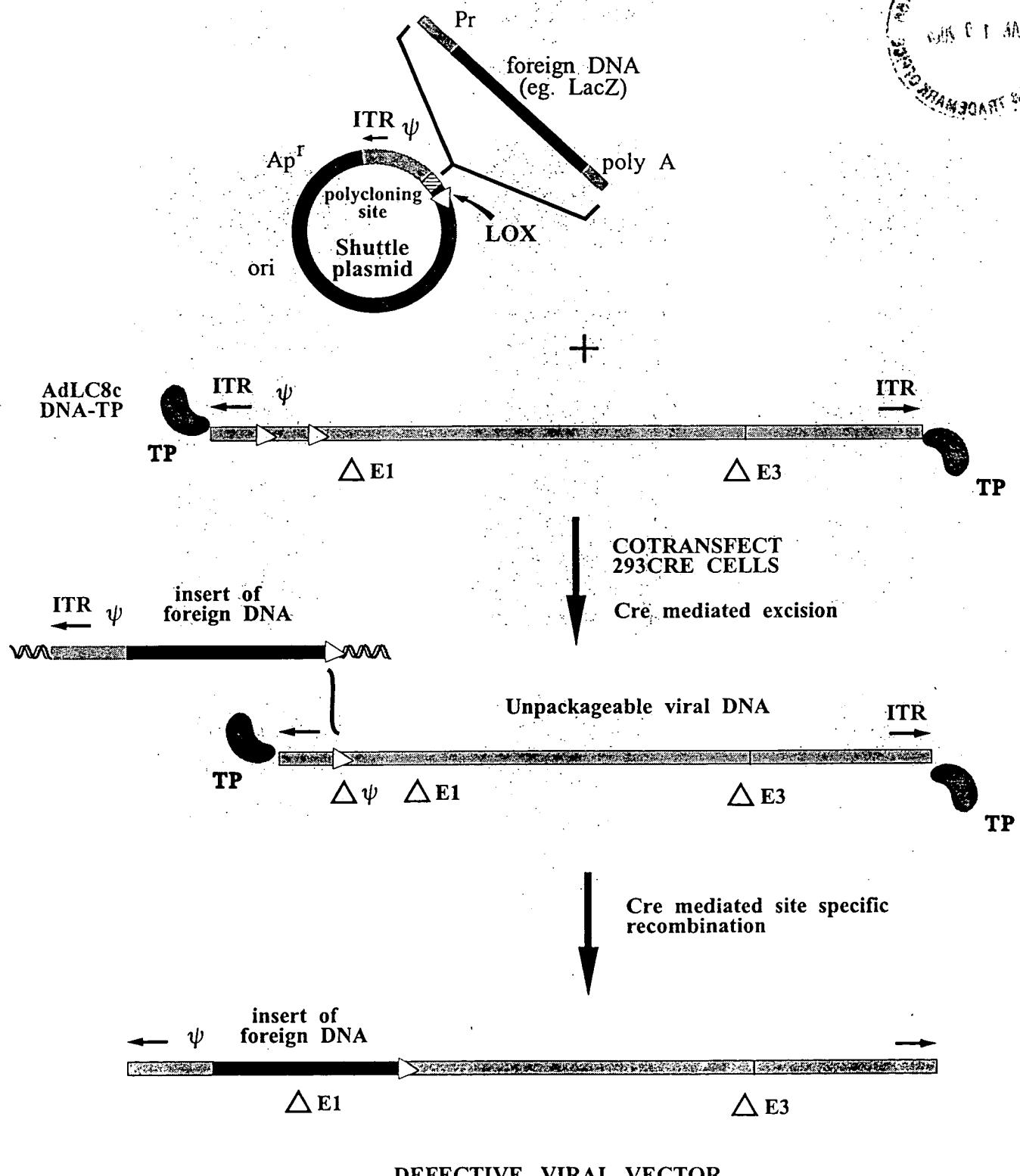


Fig. 8B

**Cotransfection of 293Cre cells with restricted AdLC8c DNA-TP and loxP shuttle plasmid for generation of Ad expression vectors**

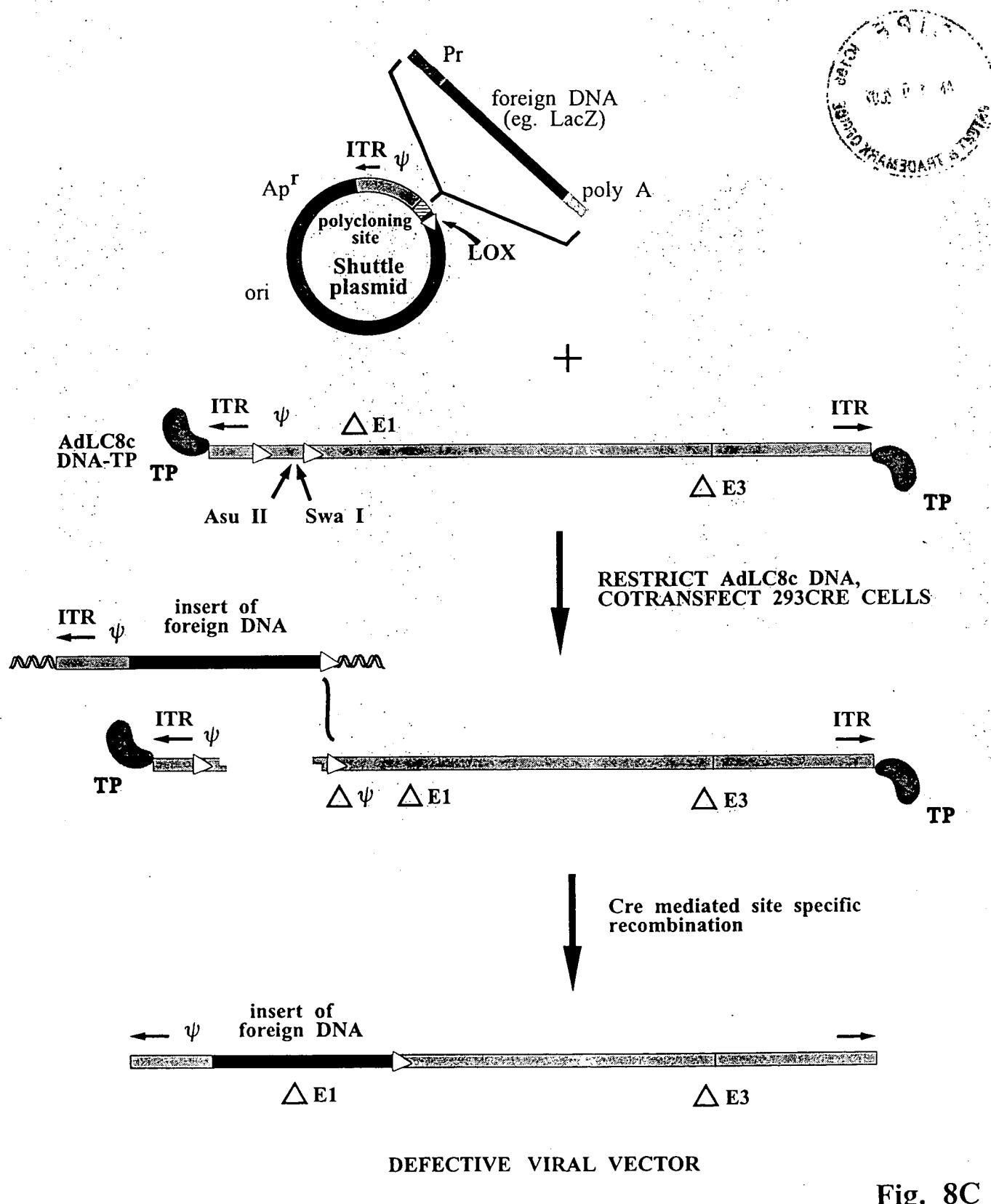


Fig. 8C

# CONSTRUCTION OF SHUTTLE PLASMIDS EXPRESSING Cre

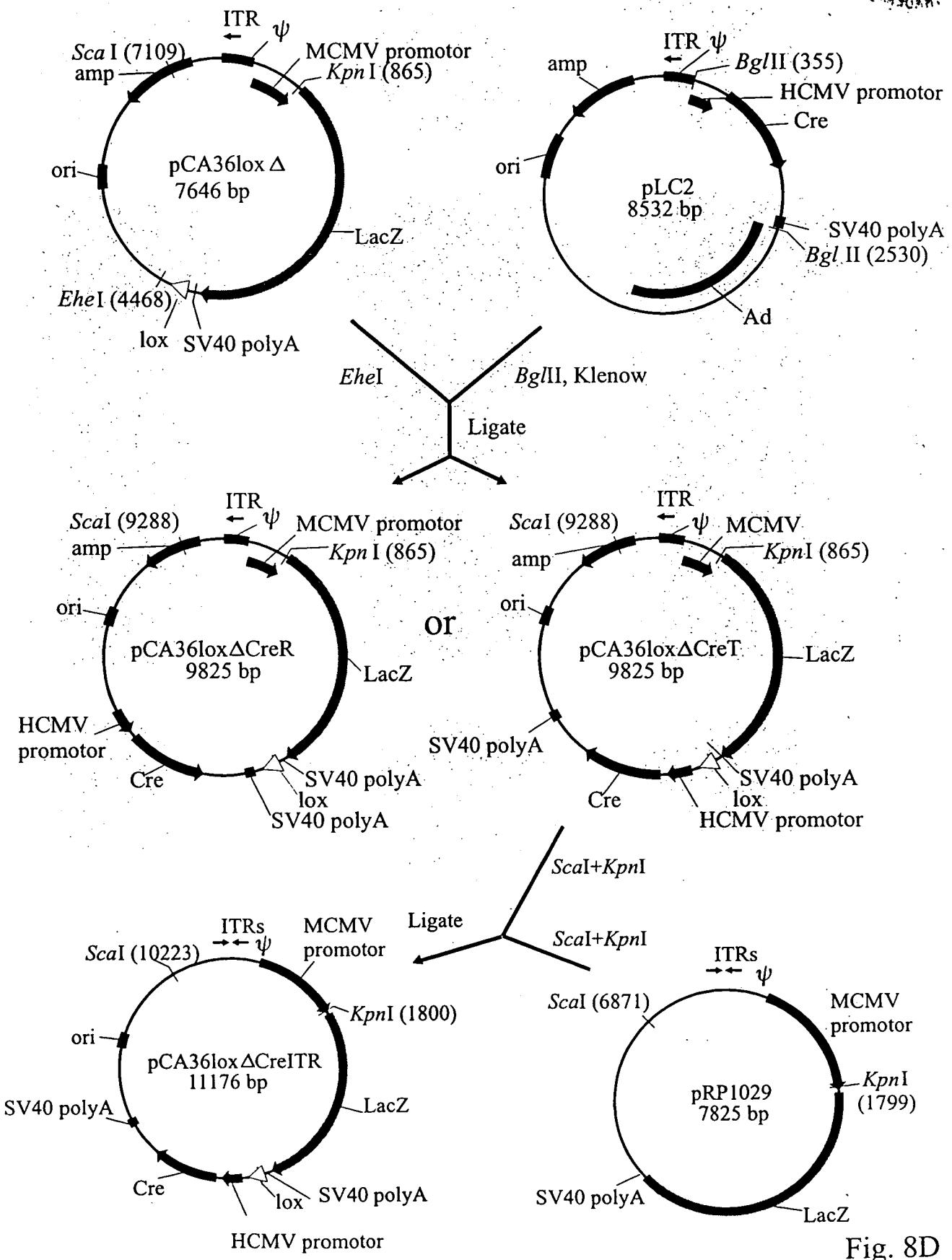


Fig. 8D

**Cotransfection of 293 cells with pBHG10lox and a "Lox" shuttle plasmid expressing Cre for generation of Ad expression vectors**

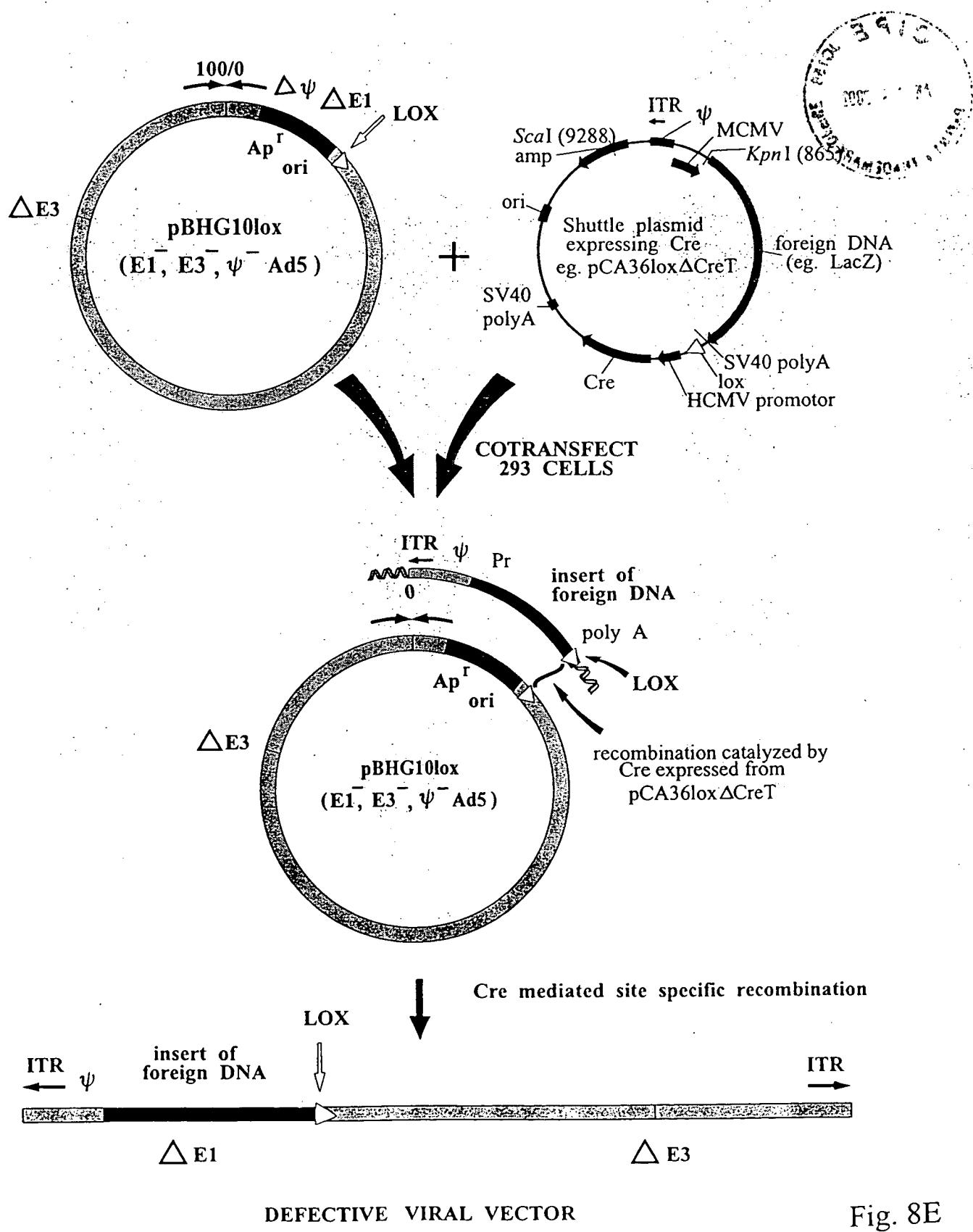


Fig. 8E

## CONSTRUCTION OF Ad GENOMIC PLASMID ENCODING CRE

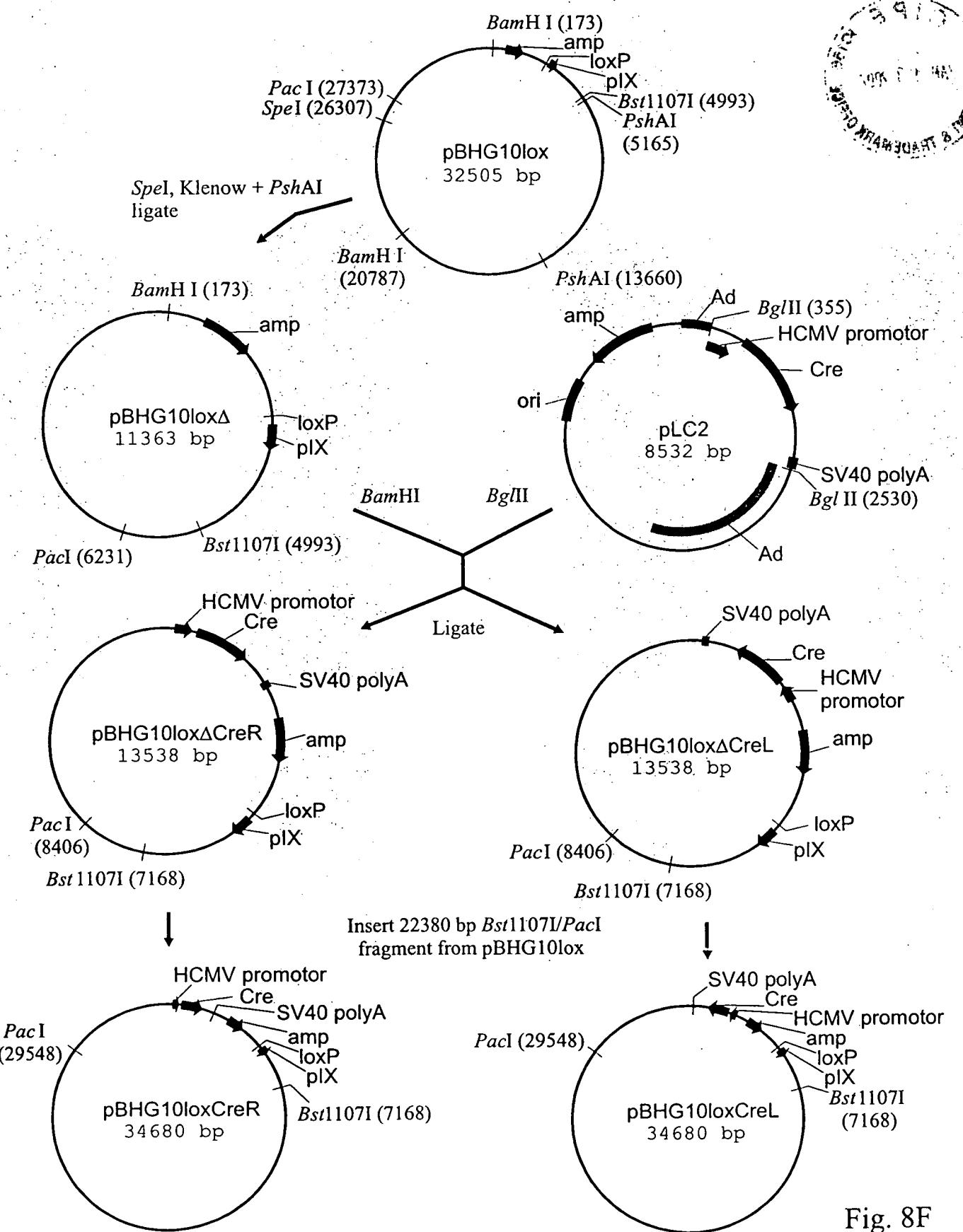


Fig. 8F

# RESCUE OF FIBRE MUTATIONS USING CRE/LOX RECOMBINATION

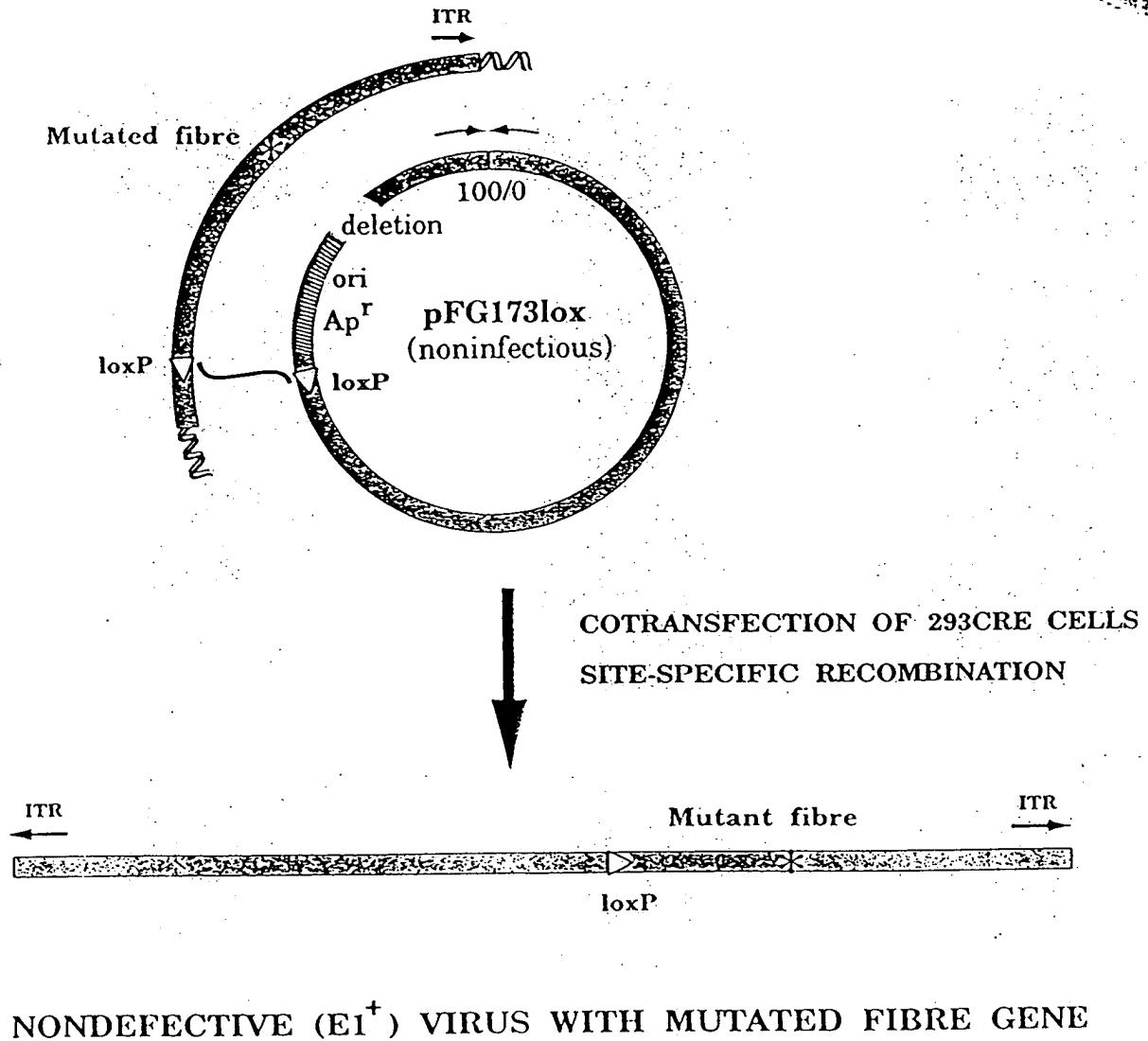


FIGURE 9A

# CONSTRUCTION OF pAB14lox $\Delta$

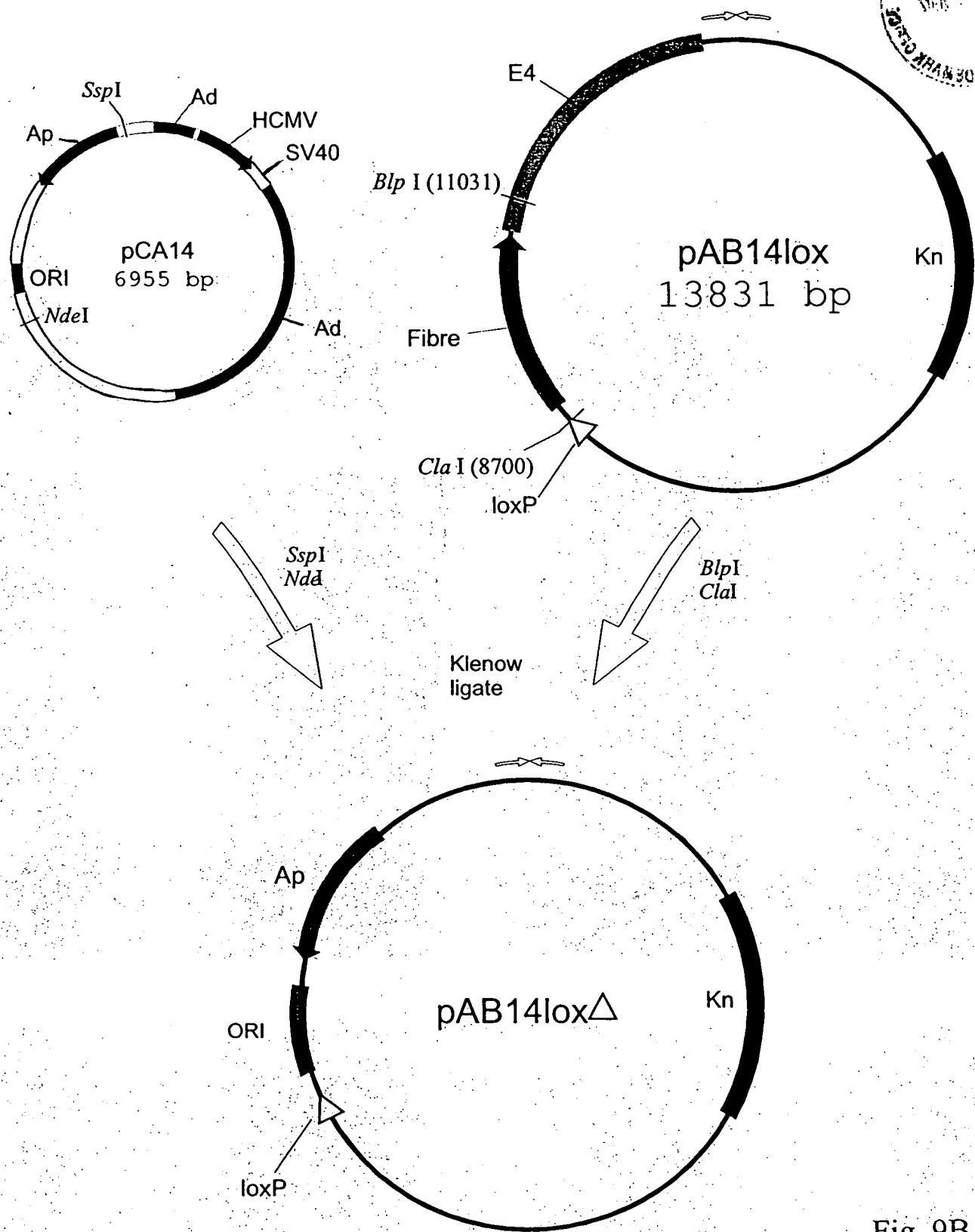
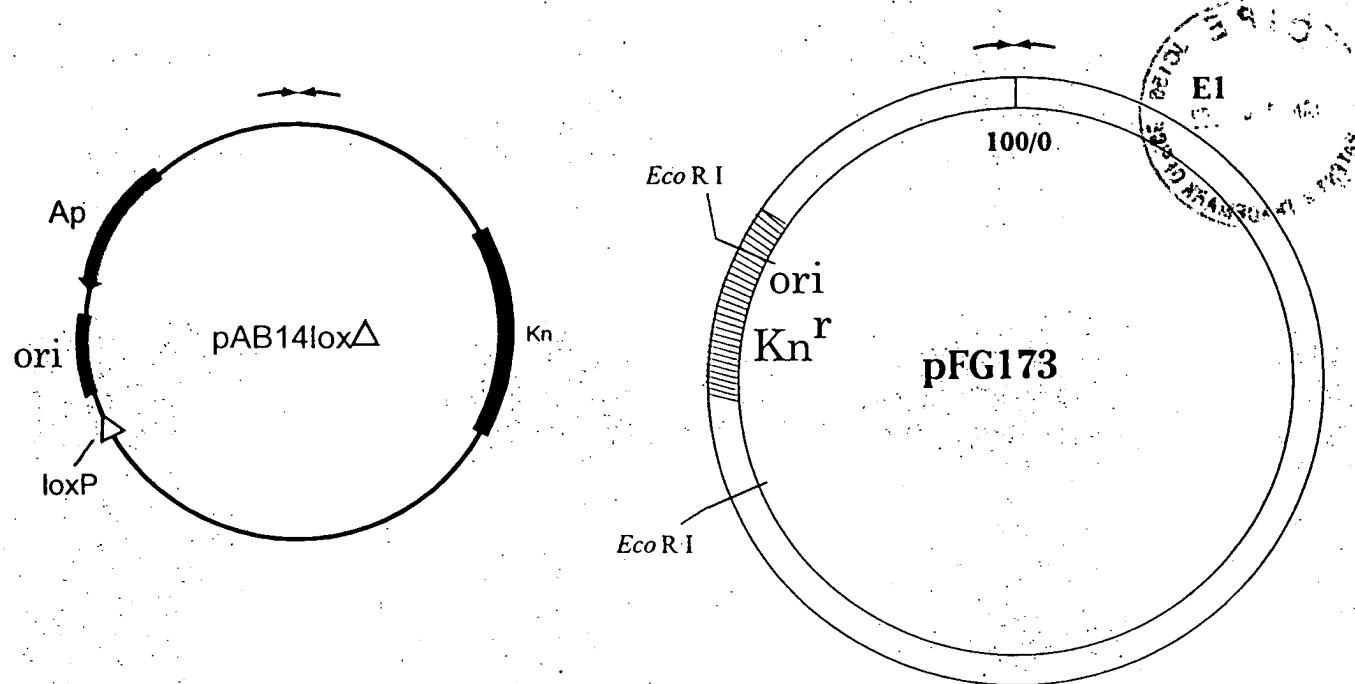


Fig. 9B

# CONSTRUCTION OF pFG173lox



**Restriction, transformation of E. coli,  
homologous recombination**

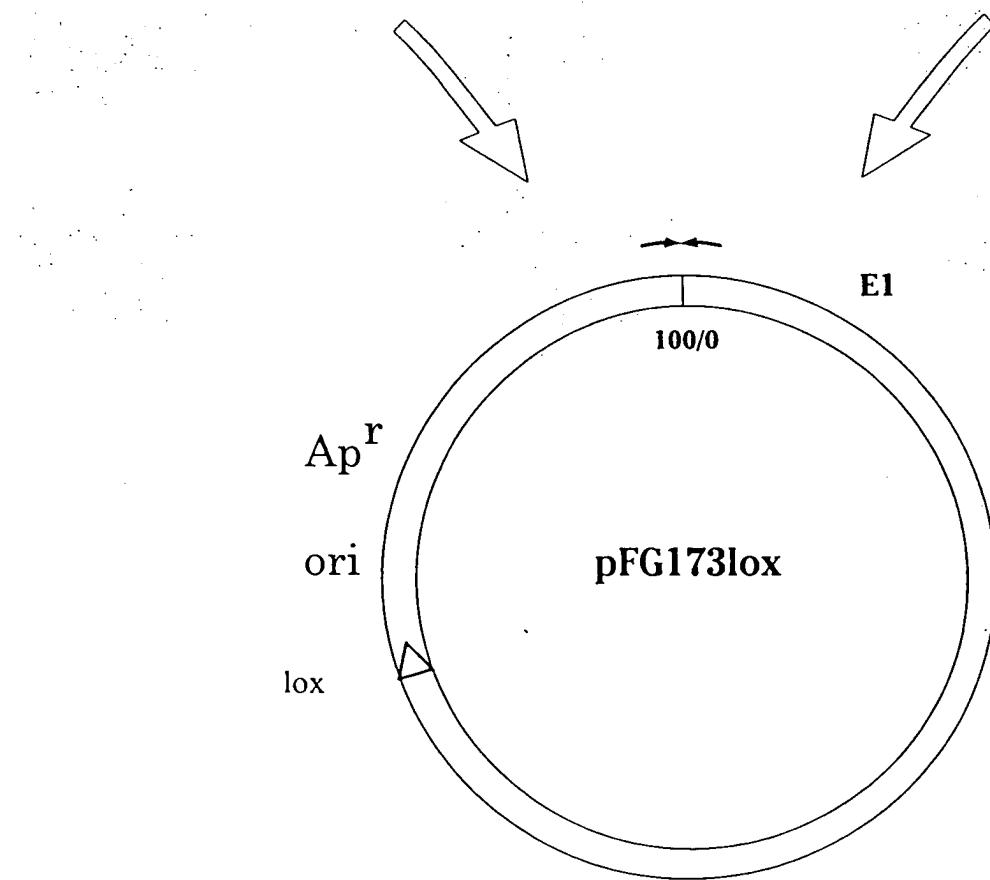


Fig. 9C

# CONSTRUCTION OF pFG23dX1lox AND pFG23dX1lox<sub>c</sub> FOR RESCUE OF MUTANT FIBRE INTO AD VIRUS

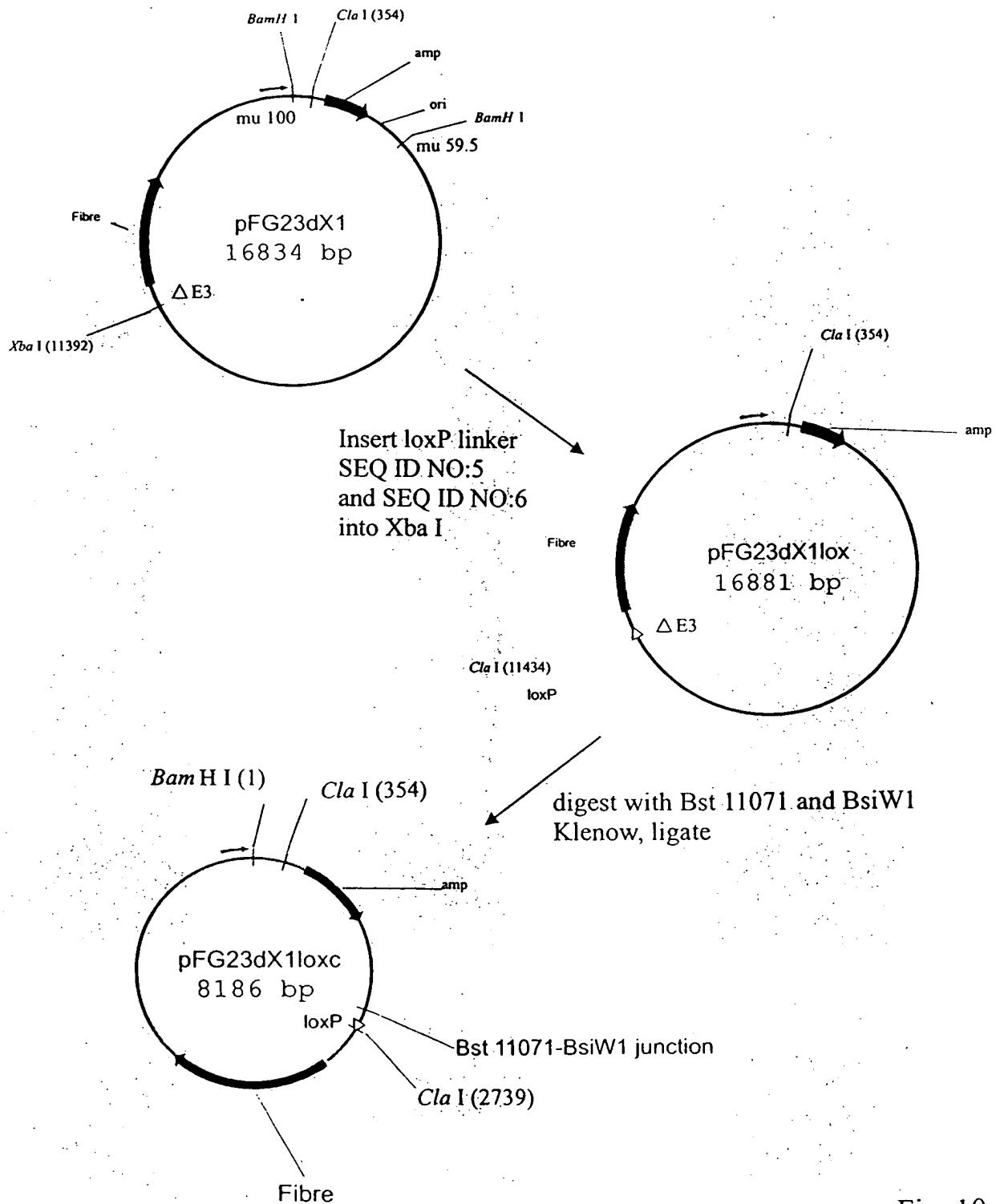


Fig. 10

# A PLASMID FOR RESCUE OF A FOREIGN DNA INTO AD VIRUS

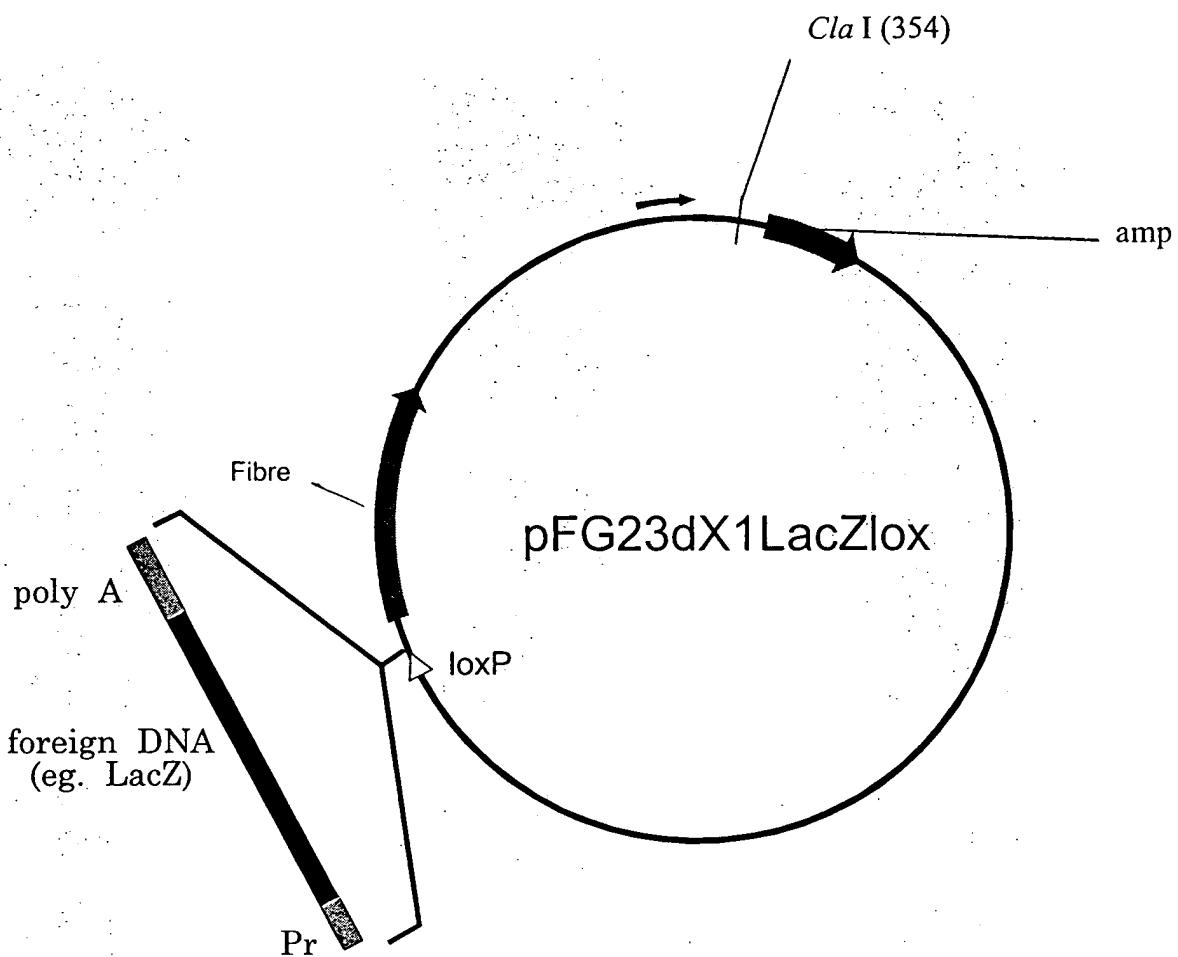
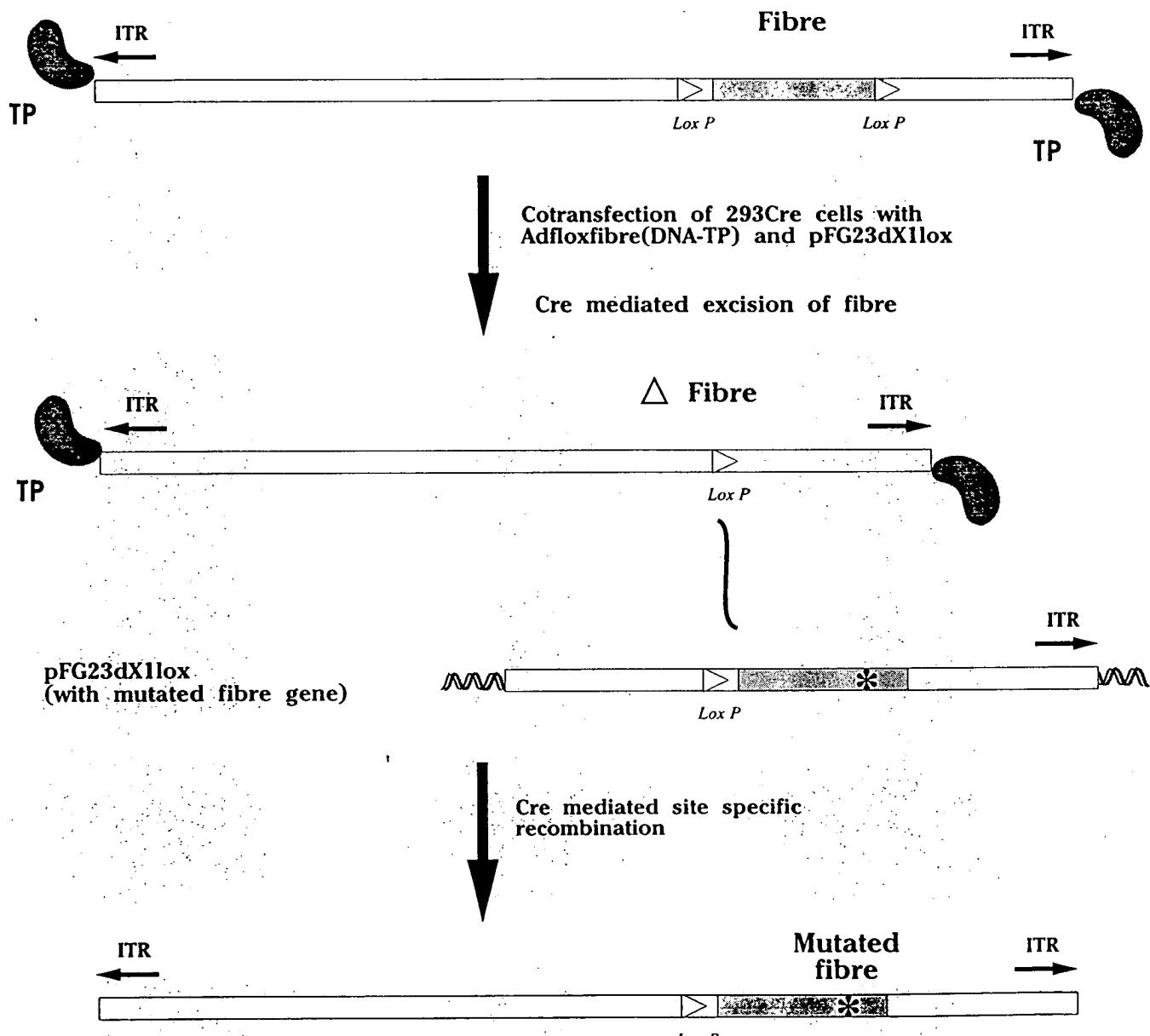


Fig. 11

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WAN 6 1 1984  
PHARMACEUTICALS

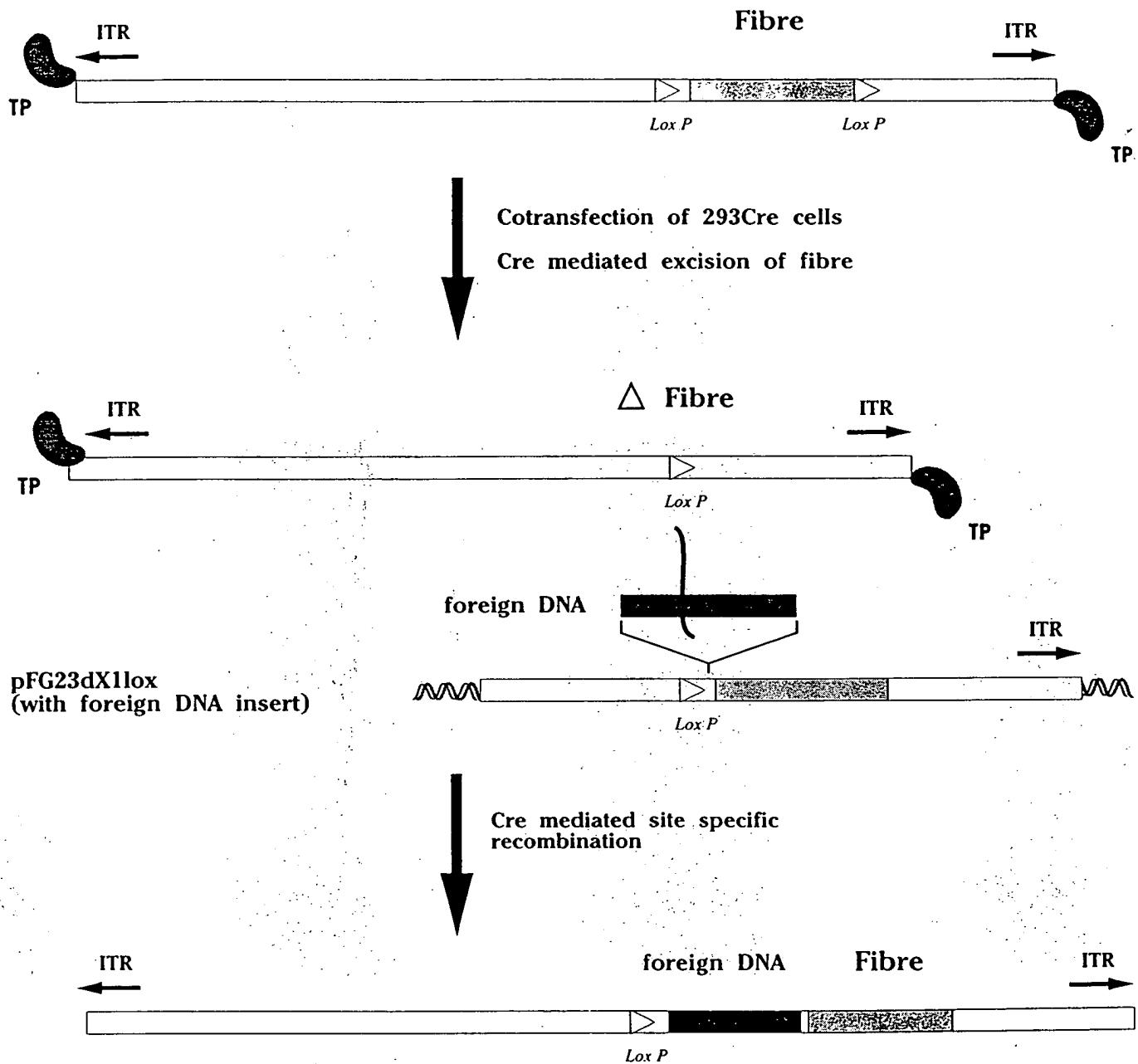
## Isolation of a virus containing a mutant fibre gene by Cre-lox recombination using DNA-TP and cotransfection



**RECOMBINANT VIRUS CONTAINING A MUTATED FIBRE GENE**

Fig. 12

**Isolation of a virus containing a foreign DNA insert upstream of the fibre gene by Cre-lox recombination**



**RECOMBINANT VIRUS CONTAINING AN INSERT OF FOREIGN DNA UPSTREAM OF THE FIBRE GENE**

Fig. 13

# CONSTRUCTION OF pAB14FL0X FOR ISOLATION OF AN AD VIRUS WITH A FLOXED FIBRE GENE

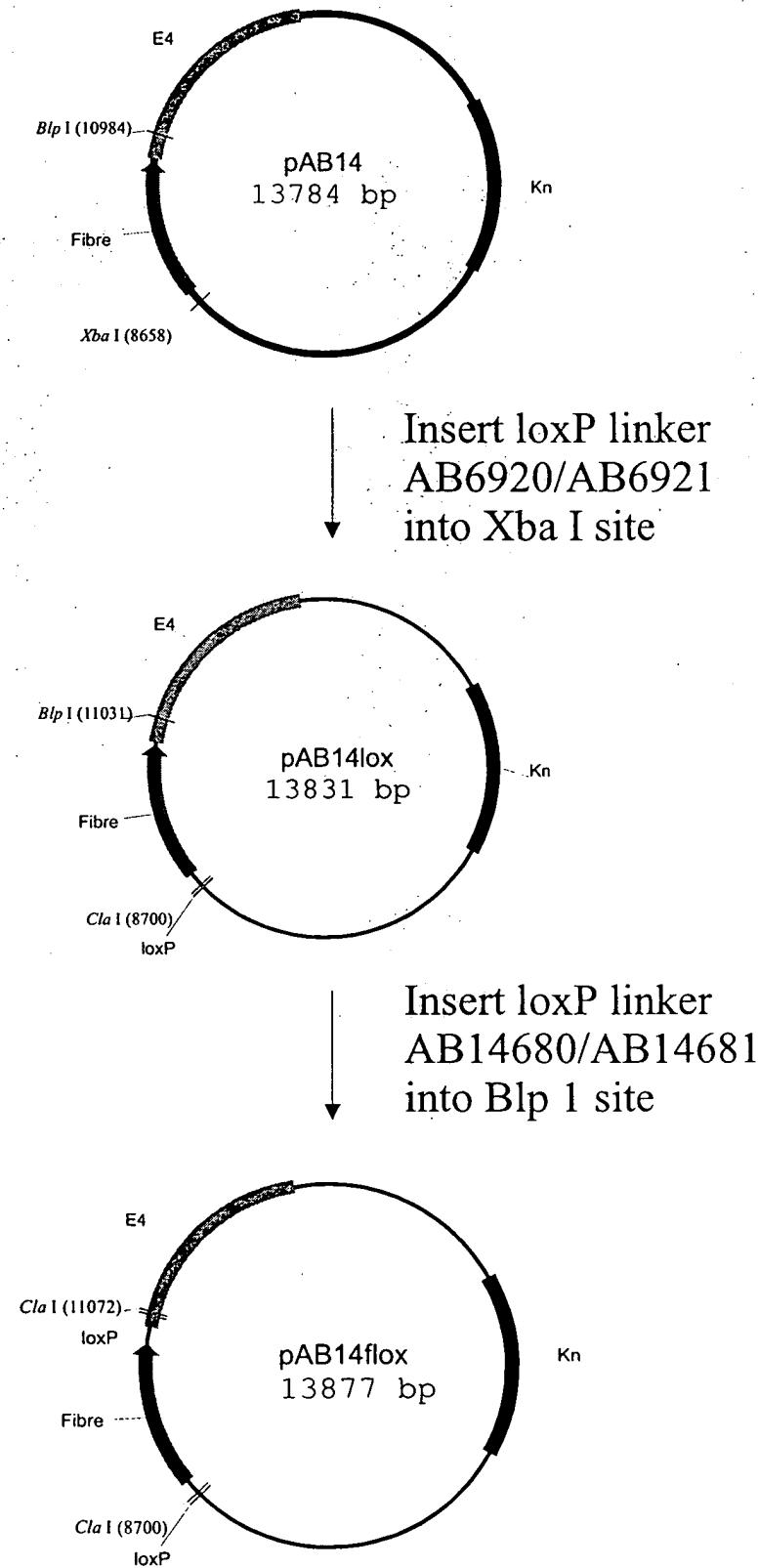


Fig. 14

# Isolation of a virus containing a fibre gene with flanking lox P sites.

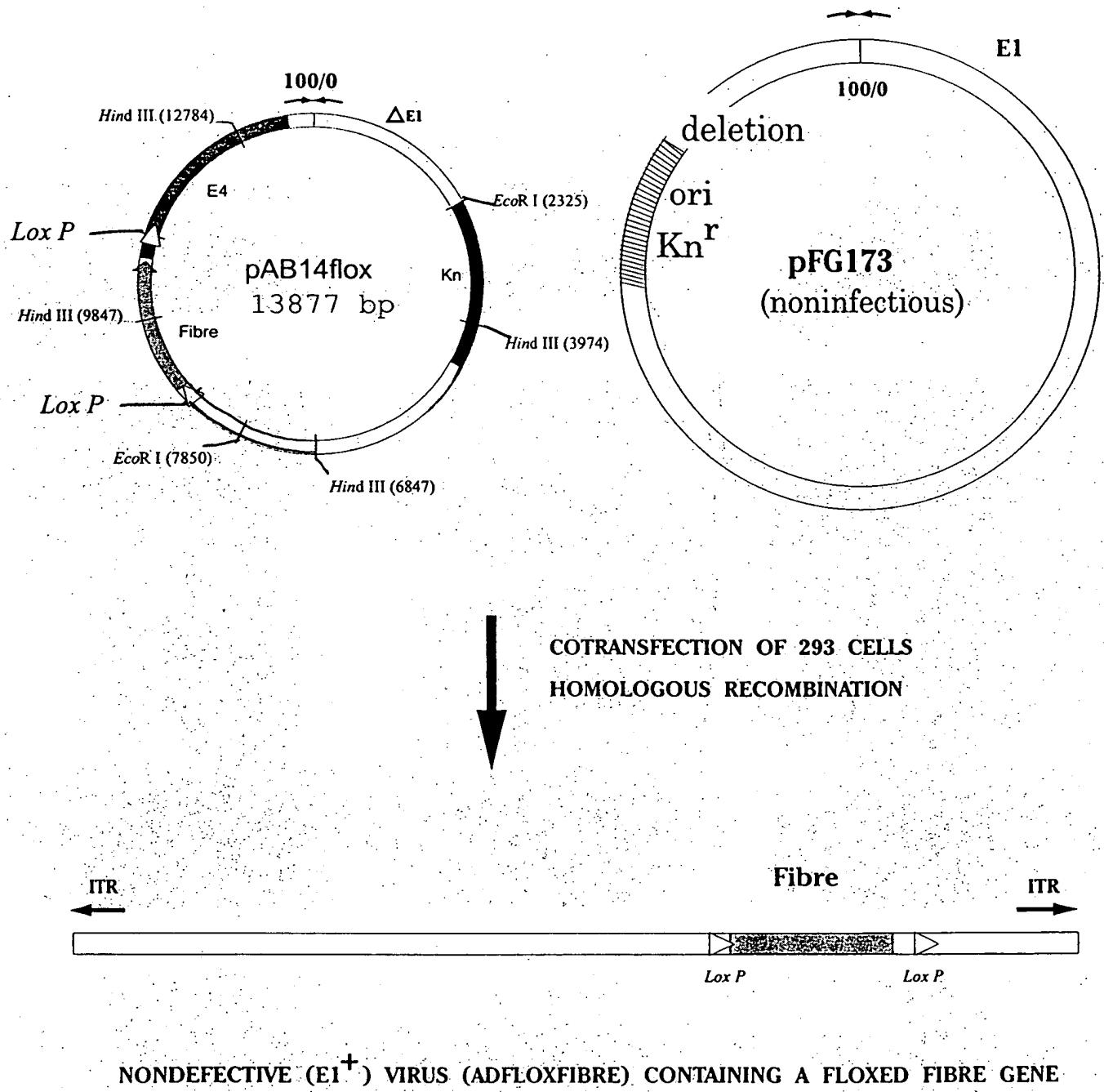


Fig.15